AMENDMENTS TO THE CLAIMS:

The following listing of claims will replace all prior versions of claims in the application.

Claims 1-5 (canceled).

Claim 6 (new): A composition for controlling animal pests comprising a synergistically effective combination of

- (1) a mixture of spinosyn A and spinosyn D at a ratio of spinosyn A to spinosyn D between about 80:20 and about 98:2, and
- (2) one or more compounds having the formulas

$$CI \xrightarrow{N} = CH_2 - N \xrightarrow{NH} \text{ or } CI \xrightarrow{N} = CH_2 - N \xrightarrow{N} CH_3 \text{ or } CH_2 - N \xrightarrow{N} CH_3 - N \xrightarrow{N} CH_3 \text{ or } CH_2 - N \xrightarrow{N} CH_3 \text{ or } CH_3 - N \xrightarrow{N} CH$$

Claim 7 (new): A composition according to Claim 6 wherein the ratio of spinosyn A to spinosyn D is about 85:15.

Claim 8 (new): A composition according to Claim 6 wherein the spinosyn mixture (1) and the compound (2) are used in a ratio of from 1:100 to 100:1.

Claim 9 (new): A composition according to Claim 6 wherein the ratio of spinosyn A to spinosyn D is about 85:15 and component (2) is the compound of formula (IIIa).

Claim 10 (new): A composition according to Claim 6 wherein the ratio of spinosyn A to spinosyn D is about 85:15 and component (2) is the compound of formula (IIIg).

Claim 11 (new): A composition according to Claim 6 wherein the ratio of spinosyn A to spinosyn D is about 85:15 and component (2) is the compound of formula (IIIk).

Claim 12 (new): A composition according to Claim 6 wherein the ratio of spinosyn A to spinosyn D is about 85:15 and component (2) is the compound of formula (III I).

Claim 13 (new): A process for preparing a pesticide comprising mixing a synergistically effective combination of

- (1) a mixture of spinosyn A and spinosyn D at a ratio of spinosyn A to spinosyn D between approximately 80:20 and approximately 98:2, and
- (2) one or more compounds having the formulas

$$CI \longrightarrow CH_2 - N \longrightarrow NH$$
 or
$$CI \longrightarrow CH_2 - N \longrightarrow CH_3$$
 or
$$CH_2 - N \longrightarrow NO_2$$
 or
$$CH_2 - N \longrightarrow CH_3$$
 or
$$CH_2 - N \longrightarrow NO_2$$
 (IIIIb)

$$CI \longrightarrow CH_2 \longrightarrow N-C-NHCH_3 \text{ or } CI \longrightarrow S \longrightarrow NH \longrightarrow NHCH_3 \text{ or } CH_2 \longrightarrow NO_2$$

$$CI \longrightarrow CH_2 \longrightarrow NO_2 \longrightarrow NO_2 \longrightarrow NO_2$$

$$CI \longrightarrow CH_2 \longrightarrow NO_2 \longrightarrow NO_2 \longrightarrow NO_2$$

$$CI \longrightarrow CH_2 \longrightarrow NO_2 \longrightarrow NO_2 \longrightarrow NO_2$$

$$CI \longrightarrow NO_2 \longrightarrow NO_2 \longrightarrow NO_2$$

$$CI \longrightarrow NO_2 \longrightarrow NO_2 \longrightarrow NO_2$$

with one or more extenders and/or surfactants.

Claim 14 (new): A method of controlling insects, arachnids, or nematodes comprising applying a composition according to Claim 6 to an insect, arachnid, or nematode and/or the habitat thereof.